

U.S. Patent Application No. 09/929,780  
Reply to Office Action dated September 9, 2005

PATENT  
450100-03413

### IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

#### Listing of Claims

1. (Currently Amended) A broadcast program recording and playing apparatus comprising:  
  
program management means for managing a database that stores program information for broadcast programs;  
  
transmission means for transmitting the program information stored in the database to an electronic apparatus using wireless communication; ~~and~~  
  
control means for controlling, under the control of said electronic apparatus, an apparatus having functions of recording and playing broadcast programs; and  
  
switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.
2. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein said electronic apparatus comprises a portable terminal.
3. (Original) A broadcast program recording and playing apparatus according to claim 2, wherein said portable terminal comprises a private apparatus.

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4. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the apparatus having functions of recording and playing broadcast programs comprises an audio apparatus or a video apparatus.

5. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the wireless communication is based on a spread spectrum communication system.

6. (Original) A broadcast program recording and playing apparatus according to claim 1, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

7. (Original) A broadcast program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on the Bluetooth system.

8. (Original) A broadcast program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on an infrared data communication system.

9. (Currently Amended) A portable terminal for recording and playing broadcast programs, comprising:

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transmission means for transmitting program information stored in a database that stores the program information for broadcast programs to an electronic apparatus using wireless communication;

display means for displaying the program information obtained using said transmission means; ~~and~~

command transmission means for transmitting a command that controls an apparatus having functions of recording and playing broadcast programs to a server that controls recording and playing performed by the apparatus; and

switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.

10. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein said electronic apparatus comprises said portable terminal itself.

11. (Original) A portable terminal for recording and playing broadcast programs according to claim 10, wherein said portable terminal comprises a private apparatus.

12. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the apparatus having functions of recording and playing broadcast programs comprises an audio apparatus or a video apparatus.

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13. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the wireless communication is based on a spread spectrum communication system.

14. (Original) A portable terminal for recording and playing broadcast programs according to claim 9, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

15. (Original) A portable terminal for recording and playing broadcast programs according to claim 14, wherein the short-distance wireless communication is based on the Bluetooth system.

16. (Original) A portable terminal for recording and playing broadcast programs according to claim 14, wherein the short-distance wireless communication is based on an infrared data communication system.